



Interdisciplinary School of Management and Technology  
Institut Teknologi Sepuluh Nopember

JULY 23<sup>rd</sup> 2022

# MOTIP 05

THE 5TH INTERNATIONAL CONFERENCE ON MANAGEMENT  
OF TECHNOLOGY, INNOVATION AND PROJECT

**“INCLUSIVE TECHNOLOGY AND  
BUSINESS INNOVATION”**

A stylized world map in a dark red color, centered on the Atlantic Ocean, set against a red background with a white geometric pattern.

# PROGRAM BOOK

ISBN :



<https://www.its.ac.id/simt>



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# Program Book

## International Conference on Management of Technology, Innovation, and Project (MOTIP) 2022

*“Inclusive Technology and Business Innovation”*

July 23rd, 2022  
Surabaya, Indonesia

### **Editors:**

I Nyoman Pujawan  
R. Haryo Dwito Armono  
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Jerry Dwi Trijoyo Purnomo  
A.A.B.Dinariyana Dwi Putranta  
Reny Nadlifatin  
Gita Widi Bhawika

### **Publisher:**

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Institut Teknologi Sepuluh Nopember

## **Program Book**

### **International Conference on Management of Technology, Innovation, and Project (MOTIP) 2022**

“Inclusive Technology and Business Innovation”

July 23rd, 2022  
Surabaya, Indonesia

#### **Organized by:**

Interdisciplinary School of Management and Technology  
Institut Teknologi Sepuluh Nopember (ITS), Indonesia

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- Ninditya Nareswari
- Dewanti Anggrahini
- Reny Nadlifatin
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- Prahardika Prihananto
- Tatang Akhmad Taufik
- Sri Yuyu Ninglasari
- Dhimas Widhi Handani
- Andre Parvian Aristio
- Rizka Wakhidatus Sholikah
- Bahalwan Apriyansyah
- Rizki Revianto Putera
- Dawi Karomati Baroroh
- Mushonnifun Faiz Sugihartanto

**Editors:**

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## AGENDA

The conference will be held online on July 23rd, 2022 via Zoom platform. Kindly check your presentation schedule by looking for your paper ID (from Easy Chair) on the room in parallel session. The link of the zoom meeting for the webinar and each parallel room can be accessed to <https://linkr.bio/motip2022>

Time (GMT+7)	Agenda
08.30-08.55	<b>Opening</b> (Link Zoom : <a href="https://bit.ly/ZoomOpeningMotip05">https://bit.ly/ZoomOpeningMotip05</a> )
	Welcome Speech from Chair of MOTIP 05, Gita Widi Bhawika, S.ST., M.MT.
	Opening Speech from Dean of SIMT ITS, Prof. I Nyoman Pujawan, Ph.D, CSCP
08.55-09.45	<b>Keynote Speech</b> “Inclusive Technology and Business Innovation” <b>Speaker: Prof. Dr. Suhaiza Zailani, Professor of Supply Chain, Faculty of Business and Economics, University of Malaya</b> <b>Moderator: Niken Anggraini Savitri, ST, MT</b>
09.45-09.50	Break
09.50-11.50	<b>Parallel Sessions 1 (Room : A, B, C, D, E, F, G, H, I, J)</b>
	09.50-10.05: 1st Presenter
	10.05-10.20: 2nd Presenter
	10.20-10.35: 3rd Presenter
	10.35-10.50: 4th Presenter
	10.50-11.05: 5th Presenter
	11.05-11.20: 6th Presenter
	11.20-11.35: 7th Presenter
11.35-11.50: 8th Presenter	
11.50-12.45	Lunch Break
12.45-14.45	<b>Parallel Sessions 2 (Room : K, L, M, N, O, P, Q, R, S, T)</b>
	12.45-13.00: 1st Presenter
	13.00-13.15: 2nd Presenter
	13.15-13.30: 3rd Presenter
	13.30-13.45: 4th Presenter
	13.45-14.00: 5th Presenter
	14.00-14.15: 6th Presenter
	14.15-14.30: 7th Presenter
14.30-14.45: 8th Presenter	
14.45-14.50	Break
14.50-15.15	<b>Closing Ceremony and Best Papers Announcement</b> (Link Zoom : <a href="https://bit.ly/ZoomMotip001">https://bit.ly/ZoomMotip001</a> )
	Closing from Chair of MOTIP 05, Gita Widi Bhawika, S.ST., M.MT.

## NOTES

### General Rules

1. Dress code: formal or batik (no t-shirt).
2. Presenter should be use the virtual background download here. Thus, the video should be on during presentation.
3. Rename your zoom account with format: ID\_full name, example: 150\_Widya Kusumawardhani.
4. Kindly join the sessions using this link (<https://linkr.bio/motip2022>)
5. To obtain certificate of presenter, you must attend the whole session, from opening session, parallel sessions, giving presentation, until closing ceremony by accessing this link during the conference.
6. The proof of attendance can be a screen shoot of the webinar page, containing the material slide and/or the speaker, your face, and your name.
7. Please fill this attendance report by uploading your proof of attendance using this link (<https://bit.ly/AttendanceMOTIP05>)
8. Our staff will check your name anytime during conference for certificate eligibility.

### Presentation Rules

1. The Session chairs will conduct the parallel session, they will be helped by an assistant as an administrator and a time keeper.
2. You must attend to the webinar at least 5 minutes before the opening session will be started. Kindly report to the session chair when you arrive at virtual meeting before the session is started.
3. The presentation time is 15 minutes per presenter, including question and answer. Session chair will interrupt and stop the presentation if the time is over.
4. Presentation slide and speech must be delivered in English, the presentation template can be downloaded [here](#).
5. Question and answer must be delivered in English.

### Technical Suggestions

1. Presentation using laptop/computer is preferable.
2. You should looking for comfortable and quite place to avoid any disturbance for the whole session.
3. Before the conference, make sure that your connection, audio, video, and any other technical function in your zoom application running properly.
4. Having back up/alternative internet connection is preferable.
5. For those who not familiar to present in the ZOOM Platform, we facilitate you to try it in our Practice Session which will held by request.

**SCHEDULE SESSION 1**

Room A

: Business Management

Topic : Business Management  
 Chair : Harisatul Agustin, S.AB., M.AB., MBA  
 Assistant : Nurul Fadillah  
 Link Zoom : <https://bit.ly/ZoomMotip001>

No	Time	ID Paper	Author	Affiliation	Title
1	09.50-10.05	3	Dirgahayu Miswar and Dony Abdul Chalid	Universitas Indonesia	Analysis On The Effect Of Muslim President Director Towards Company Decision To Use Islamic Financing In Indonesia
2	10.05-10.20	6	Aditya Putra Angkasa and Dony Abdul Chalid	Universitas Indonesia	Comparison Analysis Of Trading Behaviors Between Investors With Compulsive Gambling Symptoms And General Investors
3	10.20-10.35	14	Rumaisah Hidayatillah, Muhammad Ahsan and Nadya Eva Almira Wardani	ITS	Measurement Of Customer Dissatisfaction Using Attribute Control Chart Based On Customer Review: A Basis For Developing Service Improvement Recommendations
4	10.35-10.50	20	Thanthowie Jauharie and Eko Rizkianto	Universitas Indonesia	Effect Of Macroeconomic On Net Asset Value Of Equity Mutual Funds In Indonesia During Covid-19 Pandemic
5	10.50-11.05	26	Ary Amry and Avanti Fontana	Universitas Indonesia	Development Of Communication And Sales Channels At Pt Sampurna Rona Selaras
6	11.05-11.20	29	Pasthika Raras Pratita Sriyadi and Dr. Buddi Wibowo	Universitas Indonesia	The Impact Of Income Diversification On Profit And Risk In The Banking Industry (Multi Country Analysis)
7	11.20-11.35	31	Kevin Octareza	Universitas Indonesia	Business Feasibility Analysis Plan For The Acquisition Of Oil And Gas Block C In Country Senegal
8	11.35-11.50	72	Lukman Fadillah and I Ketut Gunarta	ITS	Business Feasibility Analysis Of Renewable Wind Turbin Generator Projects In Banyuwangi



**SCHEDULE SESSION 1**

Room B

: Decision System Analysis

Topic : Decision System Analysis  
 Chair : Jerry Dwi T Purnomo, M.Si, Ph.D  
 Assistant : Indriani Puspitasari  
 Link Zoom : <https://bit.ly/ZoomMotip002>

No	Time	ID Paper	Author	Affiliation	Title
1	09.50-10.05	7	Hotmasterman Simbolon and Udisubakti Ciptomulyono	PT PLN (Persero) / ITS	Alternative Design Selection 150 Kv Transmission Line Holtekam – Angkasa Papua With MCDM TOPSIS Method Approach
2	10.05-10.20	19	Irfananda Setiadi Hutomo and Mohammad Arif Rohman	ITS	Critical Success Factor For Implementing Lean Construction In Indonesia
3	10.20-10.35	23	Al Fajri Rizqiqa Illahi Akbar and Maria Ulpah Ph.D	Universitas Indonesia	Fundamental Analysis Of Stocks in Determining Investment Decisions on Mergers and Acquisitions Company On The Indonesia Stock Exchange Using The Free Cash Flow To Equity Method In 2019–2021
4	10.35-10.50	39	Ali Akbar Baso and Udisubakti Ciptomulyono	ITS	Selection Of Shipyard Repair For Ferry Roro Ship Using The Integration Of The Delphi Method And Analytical Hierarchy Process (AHP)
5	10.50-11.05	65	Aditya Putrantono	ITS	Comparative Study Of Project Cost Performance at PT XYZ Using Dematel And ANP Methods
6	11.05-11.20	81	Rizka Shoumil Ilhami and Eko Budi Santoso	ITS	Analysis Of Service Quality On New PLN Mobile Using Integration Of E-S-Qual, Kano, and QFD Methods
7	11.20-11.35	97	Slamet Suryanto, Nurhadi Siswanto and Ahmad Rusdiansyah	ITS	The Implementation Of Entropy And Topsis Method For Rank Projects And Prioritizing Budget Allocation : A Case Study at PT.Vale Indonesia
8	11.35-11.50	124	Naura Firdausi and Mohammad Arif Rohman	ITS	Determination of Criteria in Social Sustainability Assessment of Construction Field Workers

**SCHEDULE SESSION 1**

Room C

: Organizational Behavior and Management

Topic : Organizational Behavior and Management

Chair : Ninditya Nareswari, S.M., M.Sc.

Assistant : Wahyu Aditya Rachman

Link Zoom : <https://bit.ly/ZoomMotipW001>

No	Time	ID Paper	Author	Affiliation	Title
1	09.50-10.05	8	Kuntodi Ambartomo and Riani Rachmawati	Universitas Indonesia	The Effect Of Meaningful Work And Sense Of Community On Intention To Stay: The Mediating Role Of Workplace Well-Being
2	10.05-10.20	9	Khaira Mareva	Universitas Indonesia	Family Ownership And The Proportion Of Professional Directors, Their Effect On Sustainability Report (Study In Banking Listed On Idx 2015-2021)
3	10.20-10.35	10	Adventia Mega Wardhani	ITS	Pengaruh Transformasi Digital Terhadap Performance Melalui Inovasi Digital Sebagai Variabel Mediasi Dalam Studi Kasus Penggunaan Program Contract Procurement Management System Di Ciputra Grup
4	10.35-10.50	11	Feris Subhan Dzaky Hidayat and Syarifa Hanoum	ITS	Workload Analysis As Allocation Of Optimal Workforces Evaluation On Unloading Coal Project Using Nasa-Tlx
5	10.50-11.05	13	Tengku Annisa Febrina and Riani Rachmawati Ph.D	Universitas Indonesia	Pengaruh Pengaturan Kerja Fleksibel, Cognitive Work To Home Spillover Dan Kepuasan Kerja Terhadap Kinerja Karyawan Pada Masa Pandemi Covid-19 Dengan Telecommuting Sebagai Variabel Mediator
6	11.05-11.20	15	Nadira and Erma Suryani	ITS	Analysis Of Factors That Affecting Companies And Employees' Intention In Indonesia To Use Earned Wage Access Services
7	11.20-11.35	22	Ilmidina Kamila and Dony Abdul Chalid	Universitas Indonesia	The Effect Of Social Responsibility On Financial Performance: Analysis Of Family Firms Listed On Indonesia Stock Exchange In 2013 – 2020
8	11.35-11.50	32	Bonipasius Sulo, Dyah Santhi Dewi and Adithya Sudiarno	ITS	Work Design In The Mining Industry With An Ergonomic Approach Considering Physical Demand Analysis (Case Study: Heavy Equipment Operators in PT. Vale Indonesia, Tbk)

**SCHEDULE SESSION 1**

Room D

: Risk Management/Analysis

Topic : Risk Management/Analysis  
 Chair : Mushonnifun Faiz Sugihartanto, S.T., M.Sc  
 Assistant : M. Kamil Hari Mulya  
 Link Zoom : <https://bit.ly/ZoomMotipW002>

No	Time	ID Paper	Author	Affiliation	Title
1	09.50-10.05	16	Rizki Raditia Nugraha	ITS	Risk Management Design in Project Management Of Maintenance With Ompmp (Overall Measure Of Maintenance Performance) And MAFMA (Multi-Attribute Failure Analysis) Approach
2	10.05-10.20	24	Windy Anggraini Desinta Pandansari and Imam Baihaqi	ITS	Risk Management Planning Procurement Of Parts And Raw Materials at PT X
3	10.20-10.35	45	Brenda Adny Evelyne and Tri Joko Wahyu Adi	ITS	Quality Control Analysis Of Cosmetic Products Using Fault Tree Analysis Method
4	10.35-10.50	49	Muhammad Rifqi Shadiqin and Dr. Ir. Tatang A Taufik Msc Ipu	ITS	Risk Analysis And Mitigation Of Production Processes In Heavy Equipment Manufacture
5	10.50-11.05	52	Faizin Yusuf and Iwan Vanany	ITS	Risk Analysis To Evaluate Trucks Renewal Compared To Utilizing 3PL Services at PT. X Indonesia
6	11.05-11.20	58	Pihrin and I Putu Artama Wiguna	ITS	Risk Assessment Of Occupational Health, Safety And Environment In Shell Plate Installation Work On Sulphuric Acid Storage Tank Project at PT XYZ With Hirarc Method
7	11.20-11.35	86	Aulia Harumi Baharisa Tya and Ahmad Rusdiansyah	ITS	Risk Management Analysis On Cloud Kitchen: A Case Study Of A Cloud Kitchen in Surabaya
8	11.35-11.50	89	Catur Setio Budi and I Putu Artama Wiguna	ITS	Risk Analysis Of Execution Power Plant EPC Project – Case Study Of XYZ Project

**SCHEDULE SESSION 1**

Room E

: Operation Management

Topic : Operation Management  
 Chair : Dewanti Anggrahini, S.T., M.T.  
 Assistant : Yusra Nusaibah Noor  
 Link Zoom : <https://intip.in/ZoomMotipAT001>

No	Time	ID Paper	Author	Affiliation	Title
1	09.50-10.05	28	Davi Khoirun Najib and Moses Laksono Singgih	ITS	Coal Gasification Furnace (CGF) Performance Evaluation Using Integrated RCA-MLR (Root Cause Analysis-Multiple Linear Regression) Toward Sustainability Production Of Syngas
2	10.05-10.20	46	Helmi Lukman and Aab Dinariyana Dwi P	ITS	Optimization of Raw Material Supply To Consumer Demand Argoindustry Luwak Coffee (Civet Coffee) at PT. KLC, West Java
3	10.20-10.35	57	Risa Puripangestuti and Putu Dana Karningsih	ITS	Lean Implementation for Tender Process on Procurement Department in a Cement Company
4	10.35-10.50	59	Faisal Faisal and Nani Kurniati	ITS	Increasing Efficiency in Brewing Process By Applying Lean Manufacturing In PT XYZ
5	10.50-11.05	83	Reda Agung Abrianto	ITS	Lean Construction Implementation To Reduce Waste in Oil Replacement Project at The Rokan Area
6	11.05-11.20	99	Angelicha Aminah Zairuni Ussu and Iwan Vanany	ITS	ERP Module Design And Testing of Inventory and Warehouse in The Medical Industry to Improve Inventory Accuracy
7	11.20-11.35	154	Patdono Suwignjo, Zafira Khairunnisa and Moses Laksono Singgih	ITS	Evaluation of Power Plant Operation and Maintenance (O&M) Services Using Gap Analysis and Lean Smart Maintenance (LSM)
8	11.35-11.50				

**SCHEDULE SESSION 1**Room F  
Marketing Management

Topic : Marketing Management  
 Chair : Bahalwan Apriyansyah, S.T, MBA.  
 Assistant : Maulita Nahdiyah  
 Link Zoom : <https://intip.in/ZoomMotipAT002>

No	Time	ID Paper	Author	Affiliation	Title
1	09.50-10.05	17	Rijalul Fikri and Budi Santosa	ITS	Application of Marketing Strategy to Tenants at XYZ Airport Based on Market Basket Analysis
2	10.05-10.20	25	Ririn Novita Panggabean	Universitas Indonesia	The Effect of Social Media Influencer Characteristics on Purchase Intention Between Instagram And Tiktok
3	10.20-10.35	27	Anindita Larasati and Avanti Fontana	Universitas Indonesia	Social Media Strategy Implementation To Reach Customer Segmentation And Customer Relationship at Culinary MSMES
4	10.35-10.50	35	Adinda Aisyah Zukhrufa and Muhammad Ahsan	ITS	Analysis Of Factors Influencing Skin Care Brand Selection Within Two-Stage Choice Process Framework
5	10.50-11.05	66	Saraswati Veda Pavita and Vita Ratnasari	ITS	Analysis of The Influence of Celebrity Advertising on Purchase Intention on Social Media With PLS-SEM Approach on The Sales of Fashion Accessories
6	11.05-11.20	82	Nimas Sefrida Andriaswuri and Jerry Dwi Trijojo Purnomo	ITS	Continuance Intention to Health Center During The Covid-19 Pandemic
7	11.20-11.35	164	Primastha Jayawardhana and Ellya Zulaikha	ITS	User Persona Typology Analysis Of Customer Engagement on Bodycare B's Instagram Feed Content With a Design Thinking Approach
8	11.35-11.50	174	Adhi Priyanto Putro and Reny Nadlifatin	ITS	Strategy Of Building The Jakarta - Bandung High Speed Railway Brand Awareness

**SCHEDULE SESSION 1**

Room G

: Multidisciplinary Research

Topic : Multidisciplinary Research  
 Chair : Dawi Karomati Baroroh, M.Sc.  
 Assistant : Widya Kusumawardhani  
 Link Zoom : <https://its-ac-id.zoom.us/j/98918352862>

No	Time	ID Paper	Author	Affiliation	Title
1	09.50-10.05	98	I Made Indra Maha Putra	ITS	Analysis Reduction Non Revenue Water (NRW) for Mitigation Water Losses Using Root Cause Analysis Method
2	10.05-10.20	101/167	Muhammad Ahdal Masruhin and Christiono Utomo	ITS	Investment Financing Analysis PT Jasamarga Tollroad Maintanace
3	10.20-10.35	106	Deri Tialis Peristiwaan and Udisubakti Ciptomulyono	ITS	FABA Utilization Strategy For Circular Business Model PT PLN (Persero) PLTU XYZ
4	10.35-10.50	108	Abdullah Ibnu Hasan and Mohammad Isa Irawan	ITS	Alternative Business Model For Rooftop PV in Indonesia
5	10.50-11.05	121	Adi Nugroho and Bagus Jati Santoso	ITS	Predictive Analytics Model Development To Evaluate Maintainability of Open Source Project In Github
6	11.05-11.20	135	Aswin Mushardiyanto and Eko Budi Santoso	ITS	Implementation of Otobos in The Framework Contract For The Maintenance of Offices and Official Residences at BUMN Energy Surabaya
7	11.20-11.35	153	Uruqul Nadhif Dzakiy, Sonny Yuliar, Togar Simatupang and Eko Agus Prasetio	ITB	Analysis Of Technology Commercialization In Indonesian Universities
8	11.35-11.50				

**SCHEDULE SESSION 1**

Room H

: Information System Management

Topic : Information System Management  
 Chair : Dr. Rizka Wakhidatus Sholikah, S.Kom.  
 Assistant : Sri Wahyuni  
 Link Zoom : <https://its-ac-id.zoom.us/j/99288848669>

No	Time	ID Paper	Author	Affiliation	Title
1	09.50-10.05	33	Hananta Adji	ITS	Analysis Of The Adoption And Commercialization Of XYZ Apps Using TRL, CRL, TRI2, And TAM2
2	10.05-10.20	36	Irfani Widya Pratidina, Rianarto Sarno and Apol Pribadi Subriadi	ITS	Usage Model Analysis Of Internet Service Provider Customer Mobile Application in Millennial Generation
3	10.20-10.35	47	Sidik Kertapati and Erma Suryani	ITS	Risk Management Analysis For Information Technology Based on Cobit Framework In E-Procurement System (A Case Study Of PT.XYZ)
4	10.35-10.50	51	Narendro Ariwisnu and Erma Suryani	ITS	Information Security Management System In Cellular Operator Using ISO 27005 and NISTt SP 800-30
5	10.50-11.05	61	Dadin Dadin and Erma Suryani	ITS	Strategy for Increasing Customer Satisfaction in Making Payment at PLN Mobile Application With Using Extended TAM
6	11.05-11.20	67	Zainul Arifin and Hari Ginardi	ITS	IT Governance for Securing Management Information System in Industrial Estate Area Using ISO 27001:2013
7	11.20-11.35	71	M.Danang Mirza Zainurrachman and Erma Suryani	ITS	Evaluation of User Experience on Hand Gestures Touchless Computers
8	11.35-11.50				

**SCHEDULE SESSION 1**

Room I

: Project Management

Topic : Project Management  
 Chair : Rizki Revianto Putera, S.T., M.T.  
 Assistant : Titin Eriyanawati  
 Link Zoom : <https://its-ac-id.zoom.us/j/94145670601>

No	Time	ID Paper	Author	Affiliation	Title
1	09.50-10.05	37	Akbar Fauzan Syukroni and Farida Rachmawati	ITS	Conflict Causing Factor Identification on Public-Private Partnership Project in Indonesia
2	10.05-10.20	38	Dany Pramono Oentario	ITS	Identification Of Quality Decreasing Factors And Efforts to Increase The Quality Of House Building in The Citraland Utara Surabaya Project
3	10.20-10.35	42	Rafida Rahmah and Farida Rachmawati	ITS	Water Conservation Alternatives for Green Office Building in Indonesia
4	10.35-10.50	44	Leni Rizki Azzu Nafaro and Farida Rachmawati	ITS	Lean Construction Using Value Stream Mapping To Increase Efficiency in The Beam and Slab Construction Process
5	10.50-11.05	60	Ajenar Bhudri Kartika and Bambang Syariudin	ITS	Maturity Level Of Project Risk Management in Offshore Oil And Gas EPC Industry in Indonesia
6	11.05-11.20	64	Nur Huda and I Putu Artama Wiguna	ITS	Modeling of The Relationship Between Workplace Conflict And The Success of High-Rise Building Construction Project in Surabaya
7	11.20-11.35	70	Tan Ferdinand Christanto Sugiarto, Tri Joko Wahyu Adi & Farida Rachmawati	ITS	Green Building Feature Addition Model To Achieve Certain Certification Level For an Apartment
8	11.35-11.50				



**SCHEDULE SESSION 1**

Room J

: Operation Management

Topic : Operation Management  
 Chair : Prahardika Prihananto, S.T., M.T.  
 Assistant : Indriyanti Nirmalasari  
 Link Zoom : <https://its-ac-id.zoom.us/j/95572984003>

No	Time	ID Paper	Author	Affiliation	Title
1	09.50-10.05	48	Arighi Geraudi and Nofrisel Nofrisel	Universitas Indonesia	Supply Chain Performance And Management Analysis Using Supply Chain Operational Reference (SCOR) 11.0 in Agriculture Sector: Case Study of PT Rajatani Agro Nusantara
2	10.05-10.20	50	Ervin Saputra, Dr. Ir. Mokh. Suf and Dr. Muhammad Ahsan	ITS	Assessment of Transmission Protection For Electricity Reliability in Kalimantan
3	10.20-10.35	55	Ramliah	ITS	Six Sigma Application to Improve Procurement Performance in The Nickel Processing Industry
4	10.35-10.50	73	Johanes Fudjainal Ferry Yanto, Imam Baihaqi and Benny Tjahjono	TDEM	Improving Inbound Logistics Cost Using Lean Approach – Practical Case of Automotive Manufacturing in Thailand
5	10.50-11.05	77	Louis Fernando A. Simanjuntak and Farida Rachmawati	ITS	Green Supply Chain Management Implementation Analysis in Construction Projects
6	11.05-11.20	96	Fadila Isnaini, Ahmad Rusdiansyah and Ratna Sari Dewi	ITS	The Development Of Refrigerated-Container Loading Problem Model For Ventilated Cargo Using Pallet
7	11.20-11.35	131	Annisa Aini	ITS	Modeling A Framework For Supply Chain Resilience Of Cosmetics Industry During Pandemic Covid-19 Using Best-Worst Method
8	11.35-11.50	157	Winda Puspitasari, Moses Laksono Singgih and Patdono Suwignjo	ITS	Lean Maintenance Management For The Selection Of Alternative Efficiency Maintenance Activities In Steel Smelting Factories

**SCHEDULE SESSION 2**Room K  
: Strategic Management

Topic : Strategic Management  
 Chair : Dr. Ir. Tatang Akhmad Taufik M.Sc.  
 Assistant : Erwina Adhyarini  
 Link Zoom : <https://bit.ly/ZoomMotipW001>

No	Time	ID Paper	Author	Affiliation	Title
1	12.45-13.00	53/199	Suti'Ah S.Tr.T	PLN / ITS	Management Strategy Distribution & Services PT PLN Persero
2	13.00-13.15	54/50	Doni Budiono	ITS	Digital Transformation Of Gate Automation Service With Weigh In Motion Technology At The Container Terminal PT XYZ
3	13.15-13.30	56	Hamzah Muslim and Arman Hakim Nasution	ITS	Competitive Strategy Development With Performance Management System Approach Based On Balanced Scorecard PT XYZ
4	13.30-13.45	62	Setyani Hardiana Sunardi and Ellya Zulaikha	ITS	Service Design Strategy For Indonesian Footwear Network Platform Development
5	13.45-14.00	87	Bagyo Widodo	ITS	Modeling Of Surabaya's Municipal Solid Waste
6	14.00-14.15	103	Yulia Margiati and Udisubakti Ciptomulyono	ITS	Dematel And ANP Approach For Development Of Supply Chain Performance Assessment in Garment Industry With Lean Paradigm Consideration
7	14.15-14.30	129	Prasetyo Arie Hatmoko and Imam Baihaqi	ITS	Applying Blue Ocean Strategy For Business Development: A Case Study Of Engineering Construction Company
8	14.30-14.45				

**SCHEDULE SESSION 2**

Room L

: Organizational Behavior and Management

Topic : Organizational Behavior and Management  
 Chair : Reny Nadlifatin, S.Kom., MBA., Ph.D  
 Assistant : Ahmad Enggal Maossyara  
 Link Zoom : <https://bit.ly/ZoomMotipW002>

No	Time	ID Paper	Author	Affiliation	Title
1	12.45-13.00	68	Ardhitya Dwi Syahputri and Vita Ratnasari	ITS	The Influence Of Work Environment, Management Support, Corporate Culture And Employee Engagement On Job Satisfaction And Employee Performance: A Sampling In SEM AMOS Modelling
2	13.00-13.15	91	Farrel Naufal and Sri Gunani Partiw	ITS	Measurement Of Organizational Readiness Using Improvisation Readiness Index Score (Iris) Framework At University X In Crisis Situation
3	13.15-13.30	104	Mochamad Naufal Laudza Banin and Eko Budi Santoso	ITS	Effect Of Profitability, Liquidity, And Solvency Ratio On Stock Return Case Study On Sharia Companies During Covid-19 Pandemic Q1 2020 – Q3 2021
4	13.30-13.45	142	Ilham Trilaksono and Vita Ratnasari	ITS	Employees Performance And Loyalty Modeling On The Powerplant Industry Using Structural Equation Modeling-Partial Least Square Approach
5	13.45-14.00	145/169	Atikasita Armin Putri and Bambang Syairudin	ITS	Analysis Of The Influence Of Workload On Work Motivation And Loyalty And The Impact On Employee Performance BPJS Ketenagakerjaan Branch Office Sidoarjo
6	14.00-14.15	156	Patdono Suwignjo, Anisah Amalia Nur Ibrohim and Moses Laksono Singgih	ITS	Coaching Model As A Team Management Building Strategy To Increase Startup Success: A Literature Review
7	14.15-14.30	173	Guruh Adi Darma and Reny Nadlifatin	ITS	The Effect Of Service Quality, Outlet Atmosphere, And Discount On Customer Satisfaction And Intention To Repurchase With Case Study: Forestree Coffee Ragunan
8	14.30-14.45				

**SCHEDULE SESSION 2**

Room M

: Innovation Design Management

Topic : Innovation Design Management  
 Chair : Sri Yuyu Ninglasari, S.E., M.SEI  
 Assistant : Sri Wahyuni  
 Link Zoom : <https://its-ac-id.zoom.us/j/98918352862>

No	Time	ID Paper	Author	Affiliation	Title
1	12.45-13.00	2	Dedy Marsetioadi and Agus Windharto	ITS	Collaboration Of Design Thinking Approach With Business Model Canvas For Expertise Product Innovation Design
2	13.00-13.15	74	Irbah Mufidah and Ellya Zulaikha	ITS	User Experience Development Visitors Of Residential Offshore Marine Tourism “Ocean Farm ITS” Using Design Thinking Methods
3	13.15-13.30	75	Reno Bahelwan Miazaki, Ellya Zulaikha and Oktaviyanti Dwi Wahyurini	ITS	User Experience Development Of Local Brand Footwear Post Pandemic On The “Indonesia Footwear Network” Platform Using Design Thinking
4	13.30-13.45	79	Fariz Rizky Wijaya	ITS	Multi-Information Display (Mid) Innovation For E-Scooter In User Convenience Perspective
5	13.45-14.00	92	Yuni Niami and Ellya Zulaikha	ITS	Digital Marketing Innovation For Batik UMKM Development in Surabaya
6	14.00-14.15	110	Yuanita Christanti, Agus Windharto and Tatang Akhmad Taufik	ITS	Omnichannel Marketing Strategy Toward Suzuki Passenger Car With Design Thinking Process
7	14.15-14.30	138	Nuke Yulnida Aden Faradhillah, Tatang Akhmad Taufik and Kriyo Sambodho	ITS	Information System Concept Design Of ICT And Robotics Cluster At DIKST ITS
8	14.30-14.45				

**SCHEDULE SESSION 2**

Room N

: Information System Management

Topic : Information System Management  
 Chair : Andre Parvian Aristio, S.Kom., M.Sc  
 Assistant : Wahyu Aditya Rahman  
 Link Zoom : <https://its-ac-id.zoom.us/j/99288848669>

No	Time	ID Paper	Author	Affiliation	Title
1	12.45-13.00	21	Budi Suwanto and Dr. Ir. Tatang Akhmad Taufik Msc Ipu	ITS	Measuring The Level Of Community Readiness And Satisfaction With The Implementation Of The E Lampid Application
2	13.00-13.15	85	Eko Yuwono and Erma Suryani	ITS	Interest Analysis of Using EV Charging Platform Charge.In By Using A Modified Technology Acceptance Model
3	13.15-13.30	88	Faisal Arif Rahmawan and Raden Venantius Hari Ginardi	ITS	Penyelarasan Kinerja Manajemen Sumber Daya Dan Teknologi Informasi Dengan Menggunakan Cobit 2019 (Studi Kasus: Pt XYZ)
4	13.30-13.45	112	Afifa Filiani Sehato and Raden Venantius Hari Ginardi	ITS	Development Of E-Government Process Model Based On Specific Characteristics Of Local Government Organizations
5	13.45-14.00	125	Risas Ridhoh and Tri Wahyu	ITS	Monitoring System And Multi Controlling Project Construction Using Android-Based House Of Quality Method
6	14.00-14.15	126	Wungu Shofrina Wijaya Putri and Tatang Akhmad Taufik	ITS	Study Of Research Impact Information System In The Directorate Of Innovation And Science Techno Park - ITS
7	14.15-14.30	141	Rizki Wardhani and Erma Suryani	ITS	Customer Behavioral Analisis To Identify Customer Product Choice Using UTAUT2 Model Implementation
8	14.30-14.45				

**SCHEDULE SESSION 2**

Room O

: Project Management

Topic : Project Management  
 Chair : Nabila Silmina Hakim, S.T., MBA.  
 Assistant : Nurul Fadillah  
 Link Zoom : <https://bit.ly/ZoomMotip001>

No	Time	ID Paper	Author	Affiliation	Title
1	12.45-13.00	93	Riski Nugrahaning Gusti and I Putu Artama Wiguna	ITS	Work Accident Risk Analysis With Probability Based Fault Tree Analysis Method On Multi-Storey Building Construction Project
2	13.00-13.15	94	M. Syaifuddin Zuhri, I Putu Artama Wiguna and Mudjahidin	ITS	Establishment Of Causal Loop Diagram Model On Flexible Pavement Road Projects Delay
3	13.15-13.30	100	Achmad Helmi and I Putu Artama Wiguna	ITS	Factors Analysis Of Preventing The Spread Of Covid-19 On Exposure Of Construction Workers
4	13.30-13.45	102	Herdira Dita Ramadhani and Farida Rachmawati	ITS	Delay Risk Identification For Maintenance Project In Gas Engine Power Plant (PLTMG)
5	13.45-14.00	105	Safira Yulia Rizqi, Tri Joko Wahyu Adi and Farida Rachmawati	ITS	Factors Affecting The Duration Of Construction Project Activities
6	14.00-14.15	113	Yulfia Ayu Dwiputri	ITS	Project Management Application Analysis On Ship X Project In PT. ABC
7	14.15-14.30	114	Ni Luh Pujiyanti Widhiastuti and A.A.B Dinariyana Dwi P	ITS	Small Scale LNG Distribution Design For Power Plants In The Bali And Nusa Tenggara
8	14.30-14.45				

**SCHEDULE SESSION 2**

Room P

: Risk Management/Analysis

Topic : Risk Management/Analysis  
 Chair : R. Haryo Dwito Armono S.T., M.Eng., Ph.D  
 Assistant : Indriani Puspitasari  
 Link Zoom : <https://bit.ly/ZoomMotip002>

No	Time	ID Paper	Author	Affiliation	Title
1	12.45-13.00	43	Mario Frankista Suroso	ITS	Risk Analysis of The Jakarta-Bandung High Speed Train Project In A State-Owned Construction Company PT XYZ
2	13.00-13.15	111	Alvinura Fajrin and Adithya Sudiarno	ITS	Project Risk Analysis Of Pipeline Construction Planning in Oil & Gas Company in Sidoarjo
3	13.15-13.30	118	Tamrin Sattung, Nani Kurniati and Bambang Syairudin	ITS	Procurement Risk Management Of Mining Services in a Mining Company Using House Of Risk (HOR) Method
4	13.30-13.45	130	Binta Tamara and Udisubakti Ciptomulyono	ITS	Development Of Risk Management On Powered Rolling Stock Project Delay Of XYZ
5	13.45-14.00	150	Patdono Suwignjo, Tri Andi Setiawan, Moses Laksono Singgih, Anda Iviana Juniani and Priyo Agus Setiawan	ITS	A Study Of Risk Management Using FMEA Approach And Mean Time To Failure
6	14.00-14.15	155	Mario Hartono and I Putu Artama Wiguna	ITS	Risk Management On The Construction Project Of The High Voltage Transmission Network 150 Kv Bangkalan
7	14.15-14.30	163	Taslim Maulana and Tri Joko Wahyu Adi	ITS	Financial Feasibility Analysis Of Clay Mining Project Based On Probabilistic NPV at Risk
8	14.30-14.45				

**SCHEDULE SESSION 2**

Room Q

: Business Analytics

Topic : Business Analytics  
 Chair : Dr. Eng. Dhimas Widhi Handani, ST, M.Sc.  
 Assistant : Yusra Nusaibah Noor  
 Link Zoom : <https://intip.in/ZoomMotipAT001>

No	Time	ID Paper	Author	Affiliation	Title
1	12.45-13.00	30	Essa Abubakar Wahid and Bagus Jati Santoso	ITS	Comparison Of Predictive Maintenance Model By Using Machine Learning Approach On Cement Plant Operational Data (Case Study Of PT XYZ)
2	13.00-13.15	121	Adi Nugroho and Bagus Jati Santoso	ITS	Predictive Analytics Model Development To Evaluate Maintainability Of Open Source Project In Github
3	13.15-13.30	140	Safitri Akbar Ardianto	ITS	Implementation Of Value Based Decision On Elevator Design System Selection
4	13.30-13.45	143	Ardo Fachrizal Ilmy and Achmad Choiruddin	ITS	Customer Churn Analysis of Telecommunication Services Using Logistic Regression Methods
5	13.45-14.00	151	Novemi Uki Andreas, Rio Indralaksoo, Muhammad Abdul Wakhid, Diana Purwitasari and Agus Budi Raharjo	PLN/ITS	Peramalan Jangka Pendek Beban Listrik Pada Hari Libur Di Jawa Tengah Dengan Metode Long Short Term Memory
6	14.00-14.15	152	Aznovri Kurniawan and Achmad Choiruddin	ITS	Recommendations On Post-Pandemic Financing Strategy For Islamic Banks In Indonesia Using Vector Autoregression And Financial Analysis
7	14.15-14.30	162	Taufik Brilliant Nur and Wahyu Wibowo	ITS	Analysis Of Service Quality In Health Applications (M-Health) Using Text Mining Method And Support Vector Machine (SVM) Algorithm: Alodokter And Halodoc
8	14.30-14.45				



**SCHEDULE SESSION 2**

Room R

: Operation Management

Topic : Operation Management  
 Chair : Gita Widi Bhawika, S.ST., M.MT., CSCA  
 Assistant : Mizati Dewi Wasdiana  
 Link Zoom : <https://intip.in/ZoomMotipAT002>

No	Time	ID Paper	Author	Affiliation	Title
1	12.45-13.00	76	Ichwan Ibrahim and Udisubakti Ciptomulyono	ITS	A Proposed Model For The Investigasion Of Relationship Among Supply Chain Integration, Supply Chain Resilience And Operational Performance
2	13.00-13.15	95	Maulina Maharani and Tatang Ahmad Taufik	ITS	Application Of The Dematel-ANP-TOPSIS Method In The Selection Of Trucking Vendors in 3PL Company
3	13.15-13.30	157	Winda Puspitasari, Moses Laksono Singgih and Patdono Suwignjo	ITS	Lean Maintenance Management For The Selection Of Alternative Efficiency Maintenance Activities In Steel Smelting Factories
4	13.30-13.45	161	Dessy Ahadian and Moses Laksono Singgih	ITS	Improving Manufacturing Excellence Through Lean Six Sigma (Case Study In PBR Company)
5	13.45-14.00	165	Subali Ali and I K Gunarta	ITS	Determination Of The Rental And Purchase Scheme Of Heavy Equipment Using The Monte Carlo Simulation By Considering Fluctuations In The Need For Loading And Unloading Cargo (Case Study: Solid Port Operations)
6	14.00-14.15	175	Aida Aidil and Mokh Suef	ITS	Integration Of Lean And Taguchi In Eliminate Waste And Increase Quality In Bagea Cake Production Process
7	14.15-14.30	176	Bagas Mardiasyah Prakoso and Erma Suryani	ITS	XYZ Digital Banking Application Service Quality Improvement Strategy By Implementing Integration of E-Servqual, Kano Method and Quality Function Deployment (QFD)
8	14.30-14.45				

JULY 23<sup>rd</sup> 2022

# MOTIP 05

THE 5TH INTERNATIONAL CONFERENCE ON MANAGEMENT  
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